

TABLE 8

Effects of aqueous extract of plant GHX-6L on HIV-1 strain HTLVIIIB virus yield in Molt 4 clone 8 cells when treatment was started 40 mins after virus adsorption. Multiplicity of infection was 0.00375.

Concentration (mg/ml)	Titre ($\times 10^3$ TCID ₅₀ /ml)*		
	24 hrs	48 hrs	72 hrs
0.00	0.060	3.10	39.00
0.106	0.00	0.32	2.00
0.211	0.00	0.20	1.00
0.423	0.00	0.14	0.64
0.845	0.00	0.00	0.16

* Supernatants were collected at 24, 48, and 72 hrs post virus infection and titrated.

TABLE 9

Effects of aqueous extracts of plants on HIV-1 strain GH1 virus yield in Molt 4 clone 8 when treatment was started after 40 mins of virus adsorption. Multiplicity of infection was 0.009.

5	A. GHX-2L	Concentration (mg/ml)	*Titre ($\times 10^3$ TCID ₅₀ /ml)
		0.00	10.40
		0.066	1.26
		0.132	0.61
		0.264	0.57
10		0.528	0.12
	B. GHX-6L	0.00	10.40
		0.053	0.82
		0.106	0.78
		0.213	0.61
		0.425	0.00
15			

* Supernatants were collected at 120 hrs post virus infection and titrated.

TABLE 10

Effects of plant extracts on HIV-1 reverse transcriptase activity.

	Drug	Concentration (mg/ml)	CPM#	
5	Negative Control	0.0	4316.6 +	535.0
	Positive Control	0.0	261020.7 +	37929.3
	Blank	0.0	518.2 +	196.6
	GHX-2L	0.013	27623.3 +	5385.3
		0.038	11289.0 +	10239.8
0.114		4871.2 +	917.1	
10	GHX-6L	0.342	2503.2 +	686.7
		0.004	110301.9 +	113586.0
		0.011	56957.4 +	17907.0
	GHX-26F	0.033	13551.0 +	5694.5
		0.100	3105.5 +	137.5
0.299		3218.7 +	2420.0	
15	GHX-26F	0.005	118624.9 +	8628.4
		0.010	50799.0 +	41135.7
		0.020	11278.3 +	1598.8
	GHX-27L	0.041	5796.2 +	416.6
		0.081	5455.2 +	144.0
0.008		265405.8 +	155310.8	
20	GHX-27L	0.017	144706.5 +	7651.4
		0.033	111681.5 +	47123.6
		0.067	59043.4 +	9510.3
	GHX-27L	0.133	51252.6 +	4209.2

#CPM- Counts per minute

0697853-101804